

# DATA SHEET

## Cement Fixed Resistor Type C 5,5x5,5x12mm 1Watt

### Serie: X42015

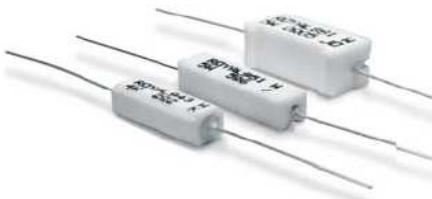
**Cement Fixed Resistor Type C  
5,5x5,5x12mm 1Watt**

Serie No.: **X42015**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 6

Customer:

# EDCON-COMPONENTS



## Specifications

Temperature coefficient	<20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short time overload	. ± (5,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Dielectric withstanding voltage	No evidence of flashover , mechanical damage, arcing or insulation breackdown.
Terminal strength	No evidence of mechanical damage.
Resistance to soldering heat	. ± (1,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Solderability	Min. 95% coverage.
Temperature cycling	. ± (2,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Load life in humidity	Wire Wound. ± (5,0% + 0,05Ω) Max. Power Film. <100KΩ ± (5,0% + 0,05Ω) Max. Power Film. ≥100KΩ ± (10,0% + 0,05Ω) Max.
Load life	Wire Wound. ± (5,0% + 0,05Ω) Max. Power Film. <100KΩ ± (5,0% + 0,05Ω) Max. Power Film. ≥100KΩ ± (10,0% + 0,05Ω) Max.

## Features

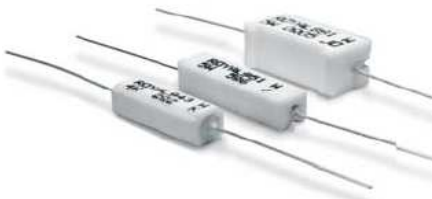
- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe
- Non-inductive types available for all Cement Resistors
- Too low or too high ohmic values on Wire wound & Power Film type can be supplied on a case by case basis.

**Cement Fixed Resistor Type C  
5,5x5,5x12mm 1Watt**

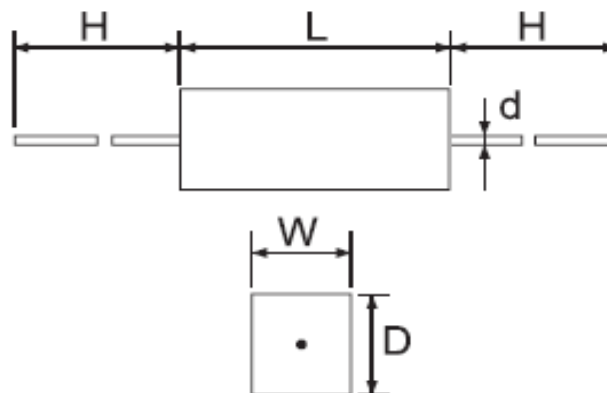
Part No.: **X42015**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 6		

# EDCON-COMPONENTS



## Dimensions



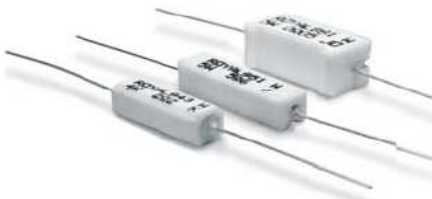
Power Rating at 70°C	Dimension (mm)					Resistange Range	
	W ± 1.0	D ± 1.0	L ± 1.0	d±0.05	H±5	Wire Wound	Power Film
1W	5,5	5,5	12	0,7	25	1Ω ~ 27Ω	28Ω ~ 33KΩ

**Cement Fixed Resistor Type C  
5,5x5,5x12mm 1Watt**

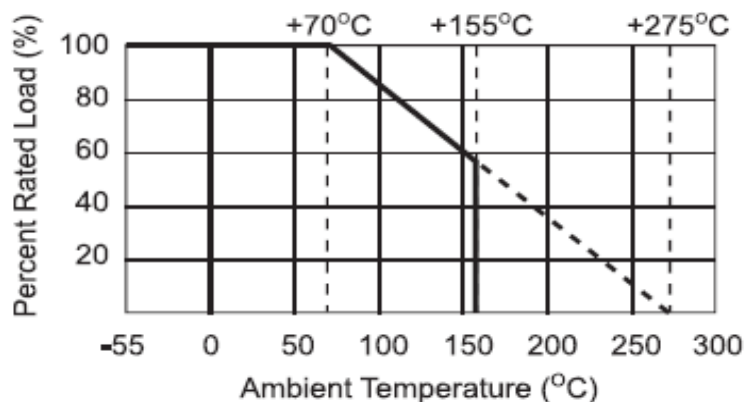
Part No.: **X42015**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 6		

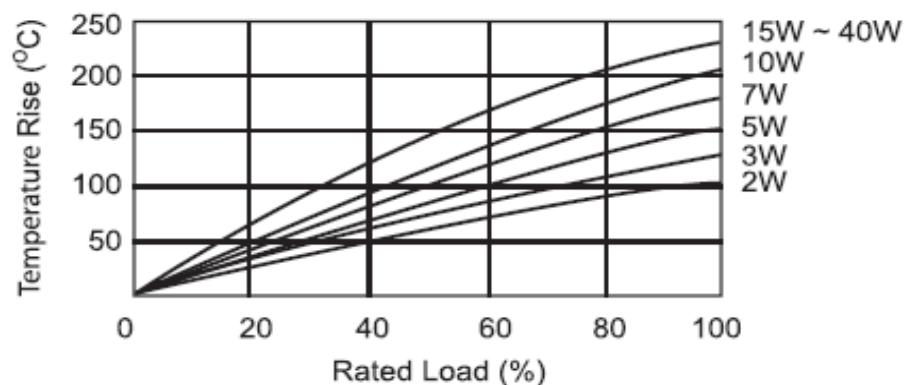
# EDCON-COMPONENTS



**Derating Curve**



**Heat Rise Chart**



**Cement Fixed Resistor Type C  
5,5x5,5x12mm 1Watt**

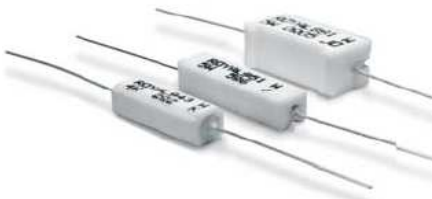
Part No.: **X42015**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 6	Customer:

[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

# EDCON-COMPONENTS



## Ordering Informations

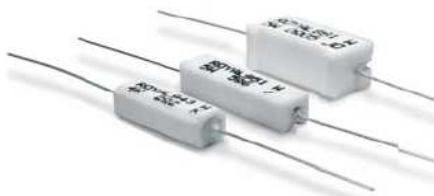
Serie	Range	Tolerance	Feature	Special function	ROHS	Packing Code
<b>X42015</b>	<b>333</b>	<b>K</b>	<b>S</b>	<b>00</b>	<b>R</b>	<b>BB</b>
	<b>333= 33KΩ</b>	<b>K= 10% (Standard)</b> <b>J= 5%</b>	<b>S= Standard</b> <b>I= Non Inductive</b>	<b>00= no function</b>	<b>R= ROHS Conform</b> <b>N= NON ROHS Conform</b>	<b>BB= Bulk Ware Box</b>

**Cement Fixed Resistor Type C  
5,5x5,5x12mm 1Watt**

Part No.: **X42015**

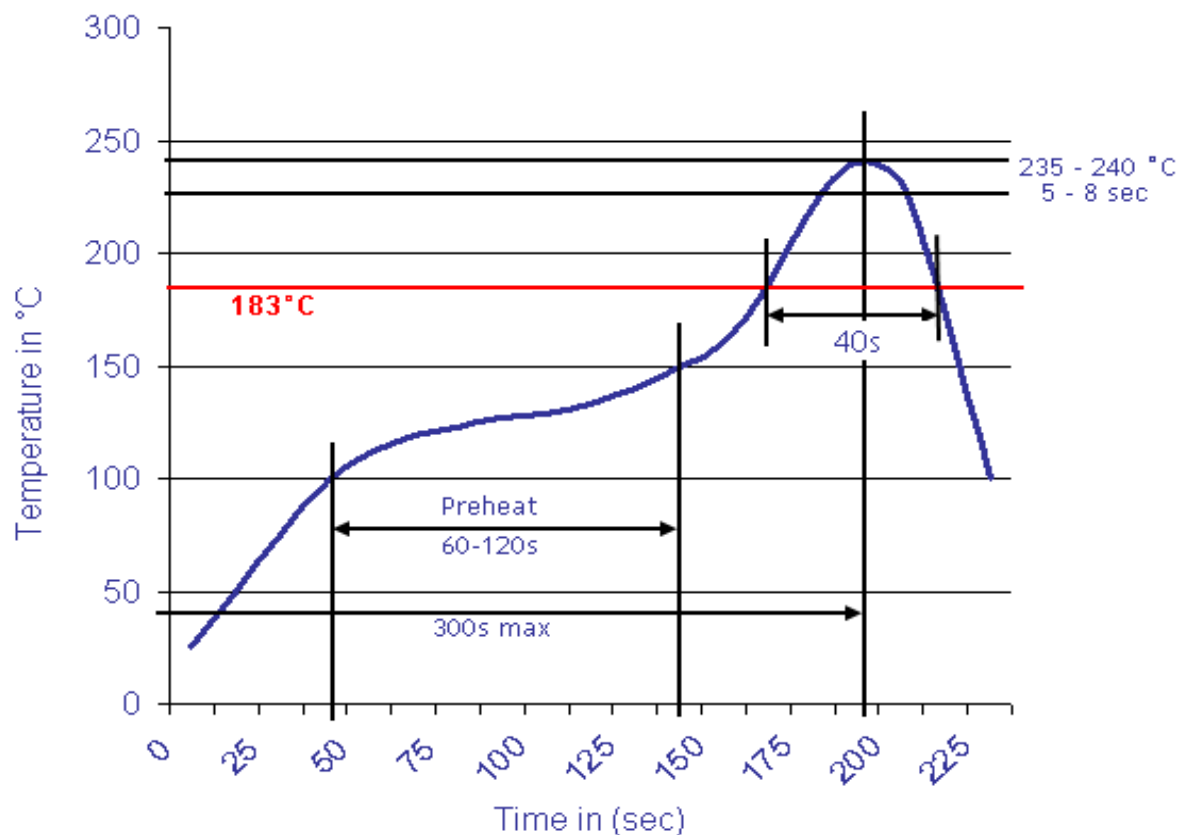
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		5 from 6

Customer:



Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



<b>Cement Fixed Resistor Type C</b>	
<b>5,5x5,5x12mm 1Watt</b>	
Part No.:	<b>X42015</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	6 from 6	